

FIG.1E

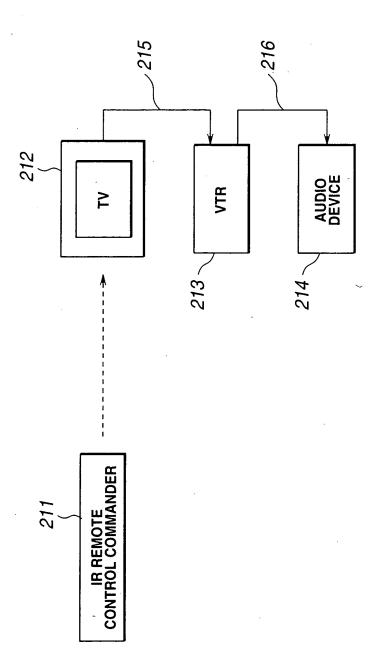


FIG.2

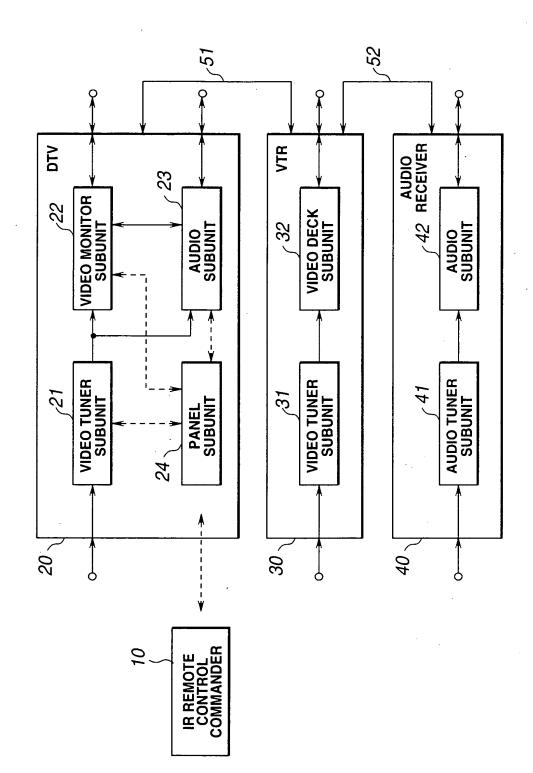


FIG.3

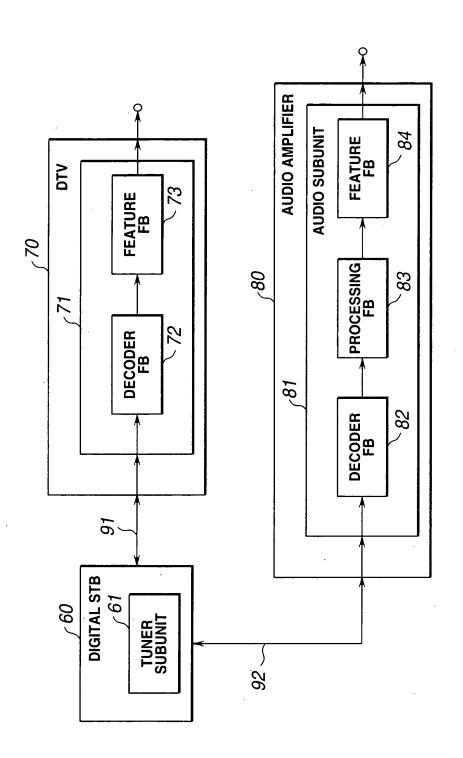


FIG.4

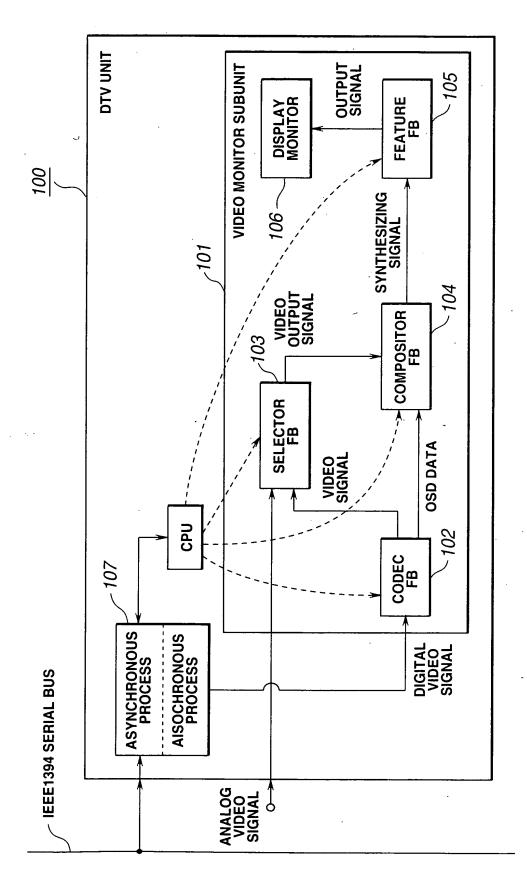


FIG.5

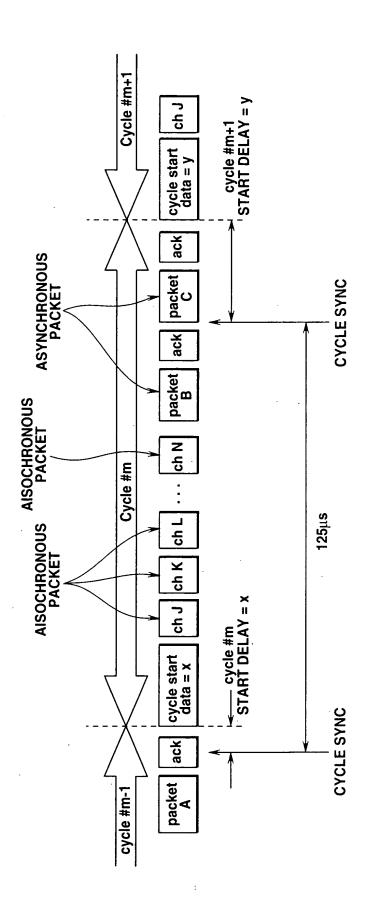


FIG.(6

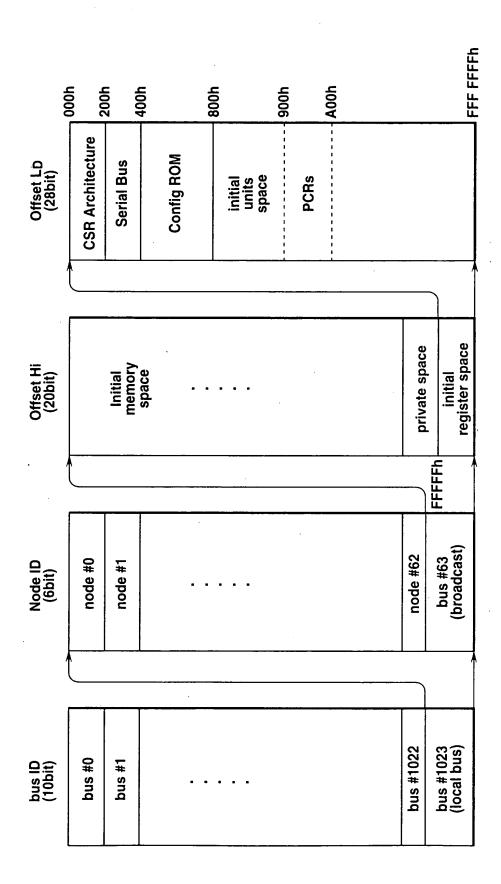


FIG.7

OFFSET	NAME	OPERATION
000h	STATE_CLEAR	STATUS AND CONTROL INFORMATION
004h	STATE_SET	SETS STATE CLEAR BIT
008h	NODE_IDs	INDICATES 16 BIT NODE ID
00Ch	RESET_START	START COMMAND RESET
018h-01Ch	SPLIT_TIMEOUT	PRESCRIBES MAXIMUM SPLIT TIME
200h	CYCLE_TIME	CYCLE TIME
210h	BUSY_TIMEOUT	PRESCRIBES RETRY LIMITATION
21Ch	BUS_MANAGER	INDICATES BUS MANAGER
220h	BANDWIDTH_AVAILABLE	INDICATES AREA ALLOCATABLE TO AISOCHRONOUS COMMUNICATION
224h-228h	CHANNELS_AVAILABLE	INDICATES USE STATE OF EACH CHANNEL

FIG.8

[info_length	crc_length	rom_crc_value
info_length		bus_info_block	
		root_directory	
-		unit_directories	
		root & unit leaves	
	vendo	or_dependent_inform	nation

FIG.9

				Ē								<u> </u>					<u> </u>
lue			reserved	Chip_ID_hi													
rom_crc_value			2				CRC			et	,			CRC			
			max_rec		0			module_vendor_id	node_capabilities	node_unique_id offset	unit_directory offset	Optional,			unit_spec_id	unit_sw_version	Optional,
		"1394"	b	y_ID	Chip_ID-lo				_	noc	'n						
crc_length			cyc_clk_acc	Company_ID			length							ory_length			
			bmc reserved				root_le							unit_directory_length			<u> </u>
04h	Bus_info_block	•	irmc cmc isc br			Root_directory		03h	0Ch	8Dh	D1h		Unit_directory		12h	13h	
400h	™	404h	408h irm	40Ch	410h	ĕ	414h	418h	41Ch	420h	424h	428h 	jā	L			-{}

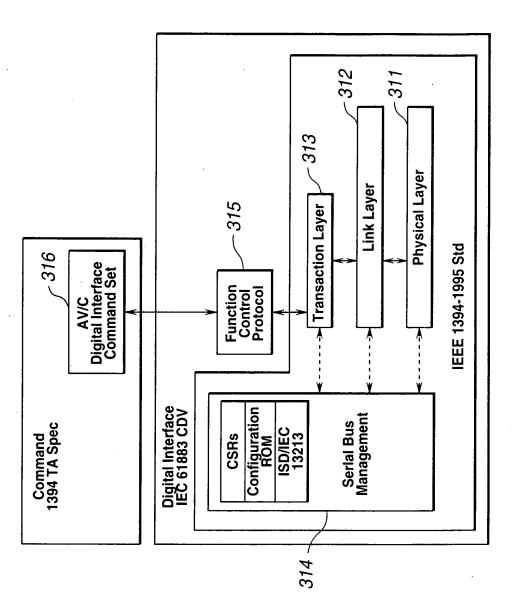


FIG.11

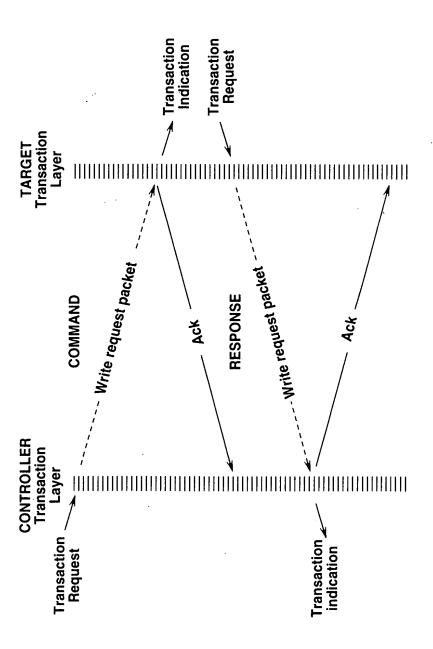


FIG. 1

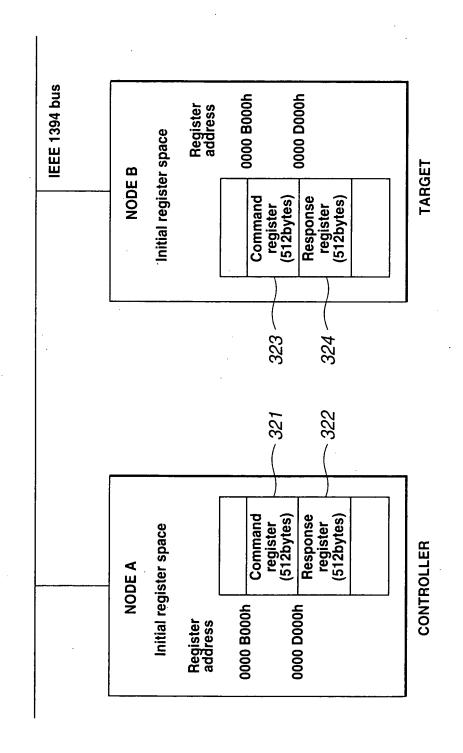


FIG.13

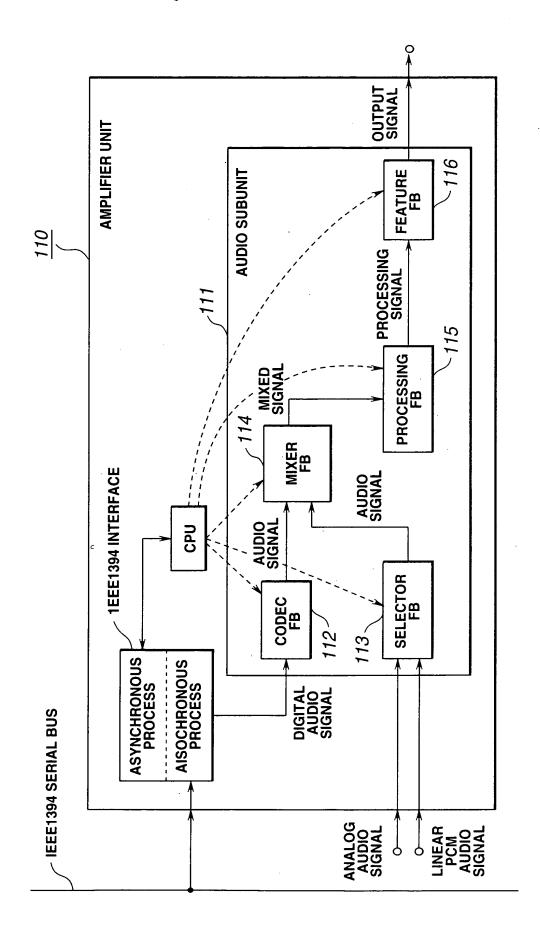


FIG.14

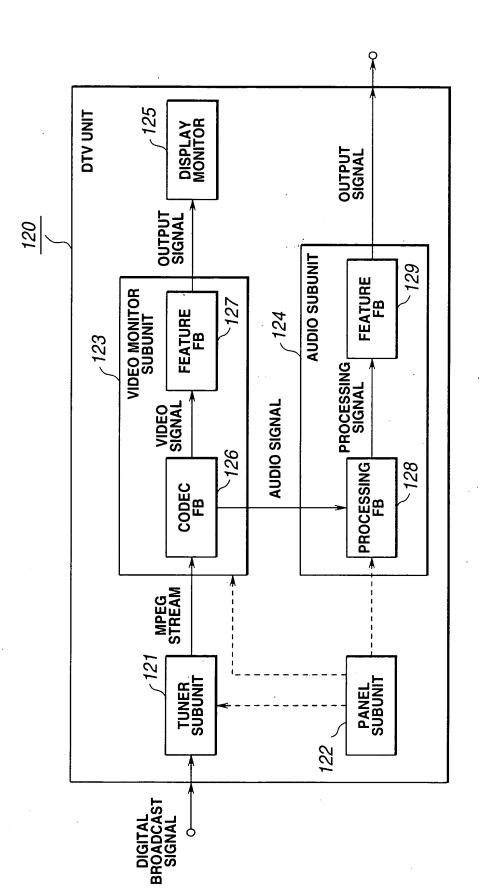
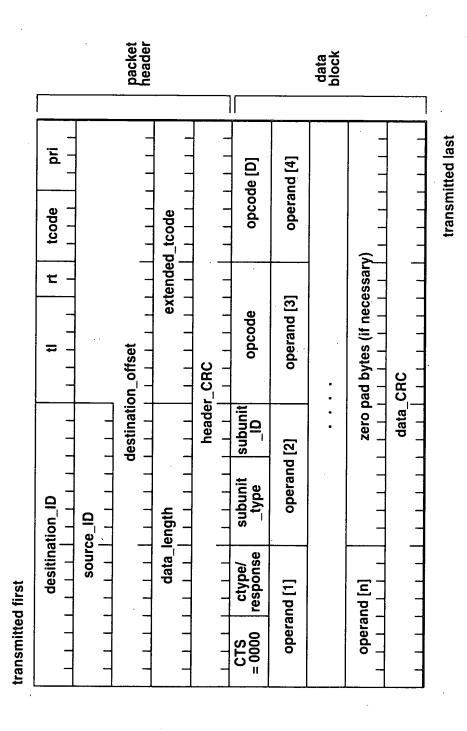


FIG.15



opcode	function block command						
operand [0]	function_block_type						
operand [1]	function_block_ID						
operand [2]	subcommand						
operand [3]	suboperand [1]						
•							
•	•						
•	. •						
•	•						
operand [n]	suboperand [n-2]						

FIG.17

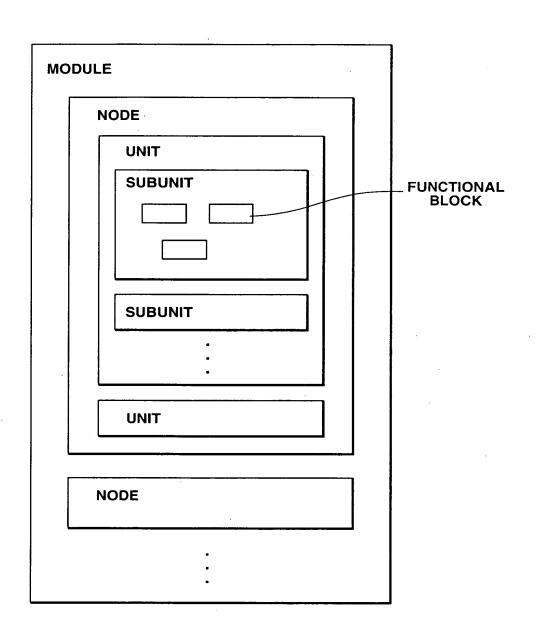
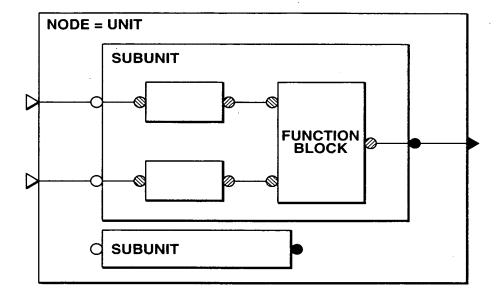


FIG.18



- **▶** SERIAL BUS PLUG
- ○, SUBUNIT PLUG
- $\ \ \, \otimes$, $\ \ \, \varnothing$ FUNCTIONAL BLOCK FLAG

FIG.19